

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of
ULRICH et al.

Group Art Unit: 1631

Serial No.: 08/882,431

Examiner: Allen, M.

Filed: June 25, 1997

FOR: BACTERIAL SUPERANTIGEN VACCINES

* * * * *

August 27, 2001
(August 25 = Saturday)

AMENDMENT

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Responsive to the Office Action dated April 25, 2001 in connection with the
above-referenced application, please enter the following amendments and consider the
following remarks.

IN THE CLAIMS:

Please cancel non-elected claims 2, 3, 7-11, 15-17, 19-20, 24-28, 32-36, 40-42.

See Ampt E
45, 46, 50-52, 54, 55, 59-61, 63, 64, 68-70 and 100-109 without prejudice or disclaimer.

Please amend claim 1 as follows.

F1 SWD G1
1. (Thrice amended) An isolated and purified superantigen toxin DNA fragment
encoding Staphylococcal enterotoxin B (SEB) in which at least one amino acid of amino
acid positions 43-53 of SEB and at least one amino acid of amino acid positions 65-75,
87-97 and 103-113 of SEB have been altered such that binding of said encoded SEB to
the MHC class II receptor and T cell antigen receptor is altered.